

CLAIMS

1. A method for capturing an image in a graphical user interface computing environment, the method comprising:

positioning an image viewfinder about an image displayed in the graphical user interface computing environment;

capturing the image about which the viewfinder is positioned, the captured image having an aspect ratio corresponding to the aspect ratio of the recipient device;

automatically conforming at least one characteristic of the image captured to an electronic data format of a recipient device using the image-capture application.

2. The method of Claim 1,

automatically conforming the at least one characteristic of the image captured to the electronic data format of the recipient device includes providing the captured image with an aspect ratio that is the same as an aspect ratio of the recipient device.

3. The method of Claim 1, automatically conforming the at least one characteristic of the image captured to the electronic data format of the recipient device includes resizing the image captured.

4. The method of Claim 1, automatically conforming the at least one characteristic of the image captured to the electronic data format of the recipient device includes changing a color depth of the image captured.

5. The method of Claim 1, automatically conforming the at least one characteristic of the image captured to the electronic data format of the recipient device includes changing a format of the image captured to a format of the recipient device.

6. The method of Claim 1, sending the captured image, having the aspect ratio of the recipient device, to the recipient device.

7. The method of Claim 6, sending the captured image, having the aspect ratio of the recipient device, to the recipient device when synchronizing information of the recipient device with information of the graphical user interface computing environment.

8. The method of Claim 1, dividing the image about which the viewfinder is positioned into n X m image tiles, selecting one of the n X m image tiles for removal.

9. The method of Claim 8,

creating a sliding tile puzzle game in which positions of the $n \times m$ image tiles remaining after removing the image tile selected must be unscrambled.

10. The method of Claim 1, invoking the image viewfinder having the aspect ratio corresponding to the aspect ratio of the device to which image information obtained from the graphical interface computing environment will be sent upon starting an image capture application in the graphical user interface computing environment.

11. A method for operating an image-capture application in a graphical user interface computing environment, the method comprising:

positioning a viewfinder of the image-capture application about an image displayed in the graphical user interface computing environment,

an aspect ratio of the viewfinder corresponding to an aspect ratio of a recipient device of image information captured in the graphical user interface computing environment;

capturing the image about which the viewfinder is positioned using the image-capture application, the captured image having an aspect ratio corresponding to the aspect ratio of the recipient device.

12. The method of Claim 11,
sending the captured image, having the aspect ratio of the recipient device, to the recipient device using the image-capture application.

13. The method of Claim 12, sending the captured image, having the aspect ratio of the recipient device, to the recipient device in an electronic message invoked by the image-capture application.

14. The method of Claim 12, sending the captured image, having the aspect ratio of the recipient device, to the recipient device when synchronizing information of the recipient device with information of the graphical user interface computing environment.

15. The method of Claim 11,
creating a sliding tile puzzle game from image tiles formed from the captured image,
sending the captured image, having the aspect ratio of the handheld electronics device, to the recipient device as the image tiles constituting the sliding tile puzzle game.

16. The method of Claim 11,
conforming at least one characteristic of the image captured to
an electronic format of the recipient device using the image-capture
application, and

sending the captured image to the recipient device after
conforming the image.

17. The method of Claim 16, conforming the image captured
includes at least one of resizing the image captured, changing a color depth
of the image captured, and changing a format of the image captured.

18. The method of Claim 11, displaying the image viewfinder
having the aspect ratio corresponding to the aspect ratio of the recipient
device of image information captured in the graphical user interface
computing environment upon starting an image capture application in the
graphical user interface computing environment.

19. The method of Claim 11, re-dimensioning the viewfinder
while maintaining the aspect ratio of the viewfinder in correspondence with
the aspect ratio of the recipient device of image information captured in the
graphical user interface computing environment.

20. An image-capture application for operation in a computing environment that displays image information, the image-capture application comprising:

an image viewfinder having an aspect ratio of a recipient device, the image view finder navigable by a user about a display in the computing environment;

an image-capture feature that captures image information within the image viewfinder;

an image conformance feature for automatically conforming characteristics of the image captured to an electronic format of the recipient device.

21. The image-capture application of Claim 20,

the image conformance feature for at least one of resizing the image captured, changing a color depth of the image captured, and changing a format of the image captured.

22. The image-capture application of Claim 20, game generator for generating a sliding image tile puzzle from image tiles formed from portions of the image captured.

23. The image-capture application of Claim 20, an image transfer feature for sending an electronic message including the captured image, having the aspect ratio of the recipient device, to the recipient device.

24. The image-capture application of Claim 20, an image transfer feature for sending the captured image, having the aspect ratio of the recipient device, to the recipient device during synchronization of the recipient device with information of the computing environment.

25. The image-capture application of Claim 20, a viewfinder-invoking feature for displaying the image viewfinder having the aspect ratio of a recipient device invoked upon starting the image-capture application.

26. A method in a wireless communication device, the method comprising:

displaying on the wireless communications device an image divided into a $n \times m$ matrix of image tiles, less one image tile;

providing an image tile scrambling mechanism to disorder the image displayed as wallpaper;

providing a mechanism for moving the image tiles to re-order the scrambled image.